#### SHEET INDEX DESCRIPTION TITLE SHEET SITE DEVELOPMENT PLAN SITE DEVELOPMENT PLAN SEDIMENT CONTROL PLAN AND DRAINAGE AREA MAP SEDIMENT CONTROL PLAN AND DRAINAGE AREA MAP PROFILES, NOTES AND DETAILS NOTES AND DETAILS ANDSCAPING PLAN LANDSCAPING PLAN

### SITE DEVELOPMENT PLAN

## COLUMBIA 100 OFFICE RESEARCH PARK

PARCEL V

2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

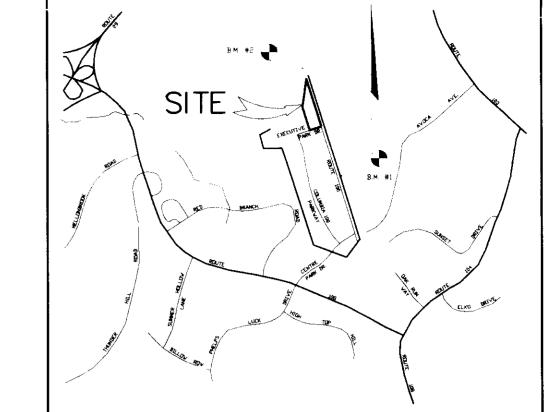
ROUTE 100

PROPOSED HOTEL

BUILDING 'A'

PLAN

SCALE . 1 " = 100



5.78 ACRES

POR HOTEL AND SITDOWN RESTAURANT PROPOSED USE

BUILDING COVERAGE

BUILDING B (RESTAURANT) 7431.5 SF 34 1**89.5**SF (13.6% OF SITE)

# OF PARKING SPACES REQ'D:

HOTEL@1 PER GUEST ROOM(MAX. 108 GUEST ROOMS) 108 SPACES RESTAURANT@14 PER 1000 SF

# OF PARKING SPACES PROVIDED:

120 SPACES (INCL. 4 HC) HOTEL RESTAURANT

TOTAL PROVIDED

E. 1365250

PROPOSED

RESTAURANT

E 1364500

BLD6. 'B'

RUN

APPROVED : FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. Jagar to Remoderate - and COUNTY HEALTH OFFICER APPROVED : HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. Anothe is he langue DIRECTOR ( Set --Melaum CHIEF, DEVELOPMENT ENGINEERING DIVISION ∜CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH REVISION DATE NO. OWNER / DEVELOPER

(410)730-9091 COLUMBIA 100 OFFICE RESEARCH PARK

PARCEL V A HOTEL AND SITDOWN RESTAURANT

SECTION 1 AREA 2 PARCEL V TAX MAP NO.30 ZONED POR 2nd ELECTION DISTRICT HOWARD COUNTY, MD

ADDRESS CHART STREET ADDRESS 4950 BEAVER RUN 4900 BEAVER RUN

5/1 - A/2CENSUS TRACT POR 2nd 6023.02 いんべしんし 5657400 602

#### SITE ANALYSIS

AREA OF PARCEL PRESENT ZONING

26,758 SF BUILDING A (HOTEL)

TOTAL

TOTAL PARKING REQUIRED FOR SITE

**225** SPACES

PAVED AREA

105 SPACES 213 SPACES 105 SPACES (INCL. 5 HC) 84,139 SF (33.4% OF SITE)

#### BENCHMARKS

ELEV 500.632' B.M. 30FB N 570, 134, 28 E 1,365,194.13 <u>B.M.#2</u>

B.M. 30FC ELEV 386.927' N 572,916.53 E 1,364,670.17

# M.J.F. ASSOCIATES LIMITED PARTNERSHIP c/o MDG COMPANIES 5550 STERRETT PLACE, SUITE 312 COLUMBIA, MARYLAND 21044

AREA COLUMBIA 100 OFFICE RESEARCH PARK

ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive • Suite 200 • Columbia, MD 21045 410-997-8900 FAX: 410-997-9282

6P-47-01 F-96-19 ZB 930M WP-96-135 ZB 949M AA-96-16 BA-94-53Y DESIGNED BY : CUR DRAWN BY : RPP PROJECT NO : HOCO/96H116 COLUMBIA 100 OFFICE RESEARCH PARK DATE: SEPTEMBER 26, 1996 SCALE : AS SHOWN

#### GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/ CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR
- 3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- 5. ALL PLAN DIMENSIONS ARE TO FACE OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
- A PORTION OF THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY RIEMER MUEGGE & ASOC., INC. DATED JUNE, 1994. THE REMAINDER IS THE PROPOSED GRADING UNDER GP-97-01.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 30FB AND 30FC WERE USED FOR THIS PROJECT.
- 8. WATER IS PUBLIC. CONTRACT NO. 24-3560-D.
- SEWER IS PUBLIC. SEWER DRAINAGE AREA: 108 PUMPING STATION CONTRACT NO. 24-3560-D.
- THE STORMWATER MANAGEMENT FACILITY PROPOSED FOR THIS SITE IS EXISTING UNDER F-87-82. THE FACILITY IS AN RETENTION POND AND IS PRIVATELY MAINTAINED.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES ARE SHOWN BASED ON THE BEST AVA:LABLE INFORMATION.
- 12. A 100-YEAR FLOODPLAIN STUDY IS NOT REQUIRED FOR THIS PROJECT.
- 13. A TRAFFIC STUDY IS NOT REQUIRED FOR THIS PROJECT 14. A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- 15. THE GEOTECHNICAL STUDY FOR THIS PROJECT WAS PREPARED BY HILLIS CARNES DATED JULY 1996.
- THE BOUNDARY SURVEY FOR THIS PROJECT IS BASED ON PREVIOUSLY RECORDED PLAT NO. 11860.
- 17. SUBJECT PROPERTY ZONED POR PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- 18. ALL ELEVATIONS SHOWN ARE BASED ON THE U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929. 19. SEE DEPARTMENT OF PLANNING AND ZONING FILE NO'S ZB 930M, ZB 949M, F-93-111, SDP-94-71.
- GP-97-01, BA-94-53V, F-96-19, AA-96-16, & WP-96-135. THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK
- SHOWN ON THESE DRAWINGS. 21. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- 23. NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT WITHIN 6"
- 24. ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11.4, VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE NOTED.
- 25. ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- 26. ALL PIPE ELEVATIONS SHOWN ARE INVERT DELEVATIONS.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHT OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, i.e., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, LATEST AMENDMENTS.
- 28. PROFILES STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN
- ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM OF 95% COMPACTION OF AASHTO TIBO.
- NOTES ON BA 94-53V:

OF FINISHED GRADE.

- a) TO REDUCE THE REQUIRED 50 FT. SETBACK FROM THE NORTHERN LOT LINE OF PARCEL W TO DISTANCES RANGING FROM 28.98 FT. TO 49.01 FT. TO ACCOMODATE THE DECKS ON TOWNHOUSES DESIGNATED AS UNITS 1-21, 76-85 AND 88-90.
- FROM 15.3 FT. TO 37.37 FT. FOR THE DECKS ON UNITS 91, 92, 112 114. c) TO REDUCE THE REQUIRED SETBACK FROM A COLLECTOR STREET RIGHT OF WAY TO VARIOUS DISTANCES RANGING FROM 30.75 FT.TO 32.69 FT. FOR DECKS ON UNITS

b) TO REDUCE THE REQUIRED SETBACK FROM THE POR DISTRICT TO DISTANCES RANGING

- d) TO REDUCE THE 50 FT. REAR STRUCTURAL SETBACK FROM A COLLECTOR STREET RIGHT OF WAY TO 42.75 FT. FOR UNIT 110.
- e) TO REDUCE THE 50 FT. SETBACK FROM A POR DISTRICT TO 20 FT. FOR BOTH UNITS 110 AND 111 AND ATTACHED REAR DECKS. f) TO REDUCE THE 50 FT. SETBACK FROM A POR DISTRICT TO A MINIMUM DISTANCE
- g) TO REDUCE THE REQUIRED 50 FT. SETBACK FROM A POR DISTRICT TO 12.73 FT. TO ACCOMODATE A VEHICULAR TURNAROUND AREA.

OF 15.32 FT. TO ACCOMODATE UNITS 112 - 114.

- THE APPROVAL WAS BASED ON THE FOLLOWING THREE CONDITIONS: 1) THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.
- 2) THE PETITIONER SHALL COMPLY WITH TESTIMONY PRESENTED AND RECORD A PERMANENT EASEMENT ALONG THOSE PORTIONS OF THE POR PROPERTY TO THE EAST ADJACENT TO UNITS 110, 111, 112, 113, AND 114, IN ACCORDANCE WITH PETITIONER'S EXHIBITS NUMBERS 11 AND 12.
- AND REGULATIONS. 3) THE PETITIONER SHALL INSTALL AND MAINTAIN A TYPE 'C' LANDSCAPED BUFFER ALONG THE EASTERN AND NORTHERN LOT LINES, IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPING MANUAL.

N 10\*05'56" N 144.74"

GENERAL NOTES (cont.)

31. AN ADMINISTRATIVE ADJUSTMENT HAS BEEN SUBMITTED TO ALLOW A 6 FT. ENCROACHMENT

SUBDIVISION AND LAND DEVELOPMENT REGULATIONS TO PERMIT MASS GRADING WITHOUT

1) OBTAINING SIGNATURE APPROVAL FROM THE HOWARD SOIL CONSERVATION DISTRICT

2) GRADING CANNOT OCCUR IN WETLANDS OR WETLANDS BUFERS, STREAM BUFFERS,

33. A REQUEST TO WAIVE DESIGN MANUAL VOLUME I, SECTION 4.1.1.D.2 AND 4.1.1.D.8 (REQUIRING

b) THE APPROVAL OF THIS WAIVER IS IN THE BEST INTEREST OF HOWARD COUNTY.

COLUMBIA 100 OFFICE RESEARCH PARK, PARCEL V. THE PETITION WAS GRANTED SUBJECT TO

1) THE PETITIONER SHALL CONSTRUCT AND MAINTAIN A TYPE 'C' LANDSCAPE BUFFER OR

SUCH OTHER BUFFER AS REQUIRED BY DPZ ALONG THE COMMON LOT LINE WITH THE

ADJACENT LOT W FOR THE LENGTH OF THE PORTION OF THE DRIVEWAY LOCATED WITHIN

2) THE VARIANCE SHALL APPLY ONLY TO THE PROPOSED DRIVEWAY LOCATED 25 FEET FROM

3) THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS

THE WESTERN AND SOUTHERN LOT LINES AS DEPICTED IN THE PROPOSED DEVELOPMENT

34. BA 95-65V IS A BOARD OF APPEALS DECISION TO REDUCE THE REQUIRED FIFTY-FOOT

SCHEMATICS, AND TO NO OTHER STRUCTURES OR USES.

SETBACK FROM A RESIDENTIAL ZONED PROPERTY TO TWENTY-FIVE FEET FOR THE

ON THE GRADING EXHIBIT PRIOR TO APPLYING FOR A GRADING PERMIT APPLICATION.

AN APPROVED SITE DEVELOPMENT PLAN. THE REQUEST WAS GRANTED ON JULY 9, 1996 SUBJECT TO:

3) GRADING CANNOT OCCUR IN OR OVER THE SEWER EASEMENT WITHOUT WRITTEN APPROVAL

a) THE STORM DRAIN SYSTEM SHALL BE PRIVATELY OWNED AND MAINTAINED AND THE DETAILS

AND CONSTRUCTION SPECIFICATIONS FOR ADS N-12 PLASTIC PIPE AND APPURTENANCES

FROM THE BUREAU OF UTILITIES AND RED-LINE APPROVAL TO THE SEWER DRAWINGS,

15" MINIMUM PIPE SIZES AND RCCP MATERIAL) WAS GRANTED ON AUGUST 1, 1996 BASED ON

FOR PARKING INTO 30 FT. SETBACK FROM ROUTE 100 UNDER AA-96-16.

32. WP-96-135 IS A REQUEST TO WAIVE SECTION 16.155(A)(2) OF THE HOWARD COUNTY

IT WAS APPROVED AT THE JULY 9, 1996 HEARING.

STEEP SLOPES, OR FOREST AREAS.

SHALL BE INCLUDED ON THE DESIGN PLANS.

CONTRACT 24-3333-D.

THE 50-FOOT SETBACK AREA.

THE FOLLOWING:

5 10°05'52" E 187.57

HOTEL BUILDING ELEVATION

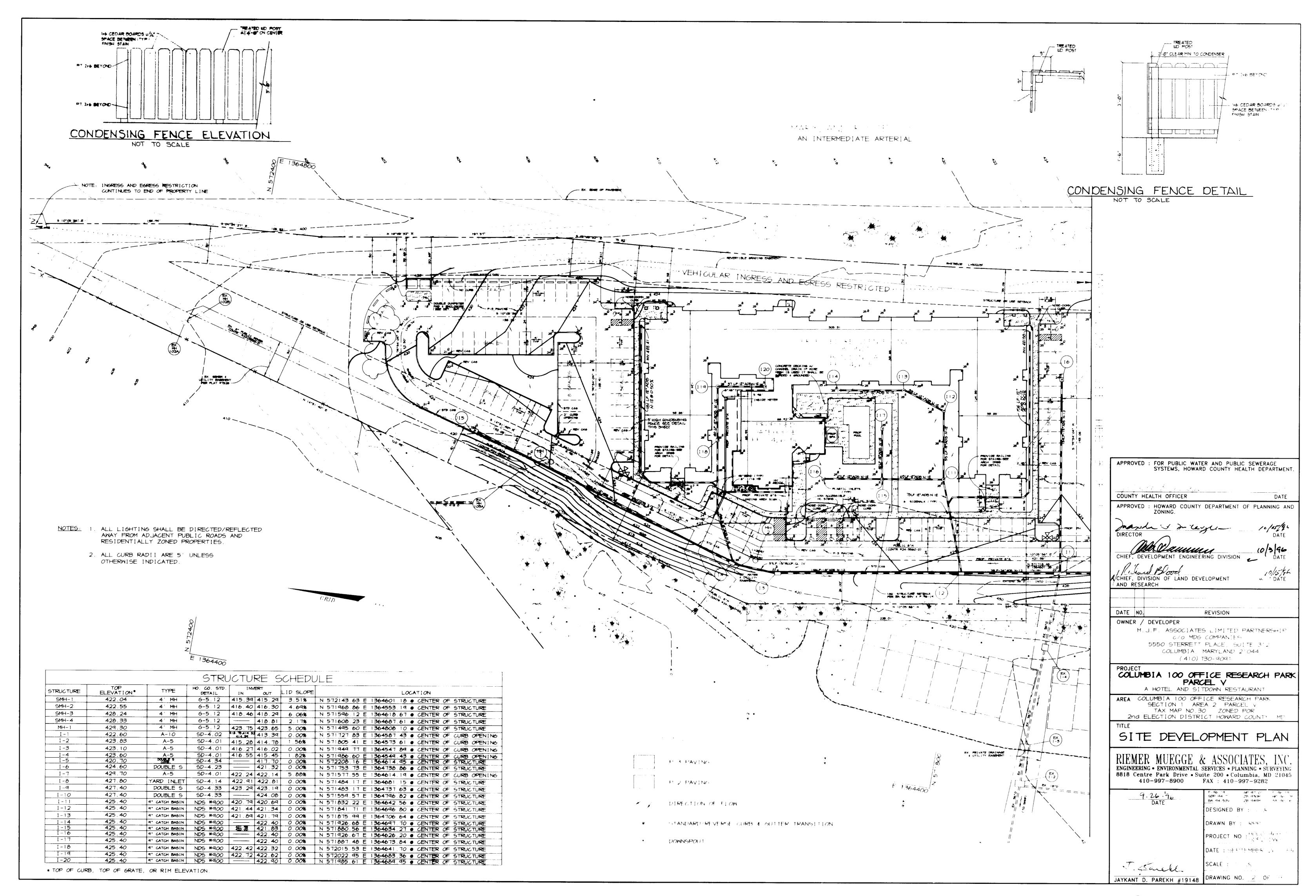
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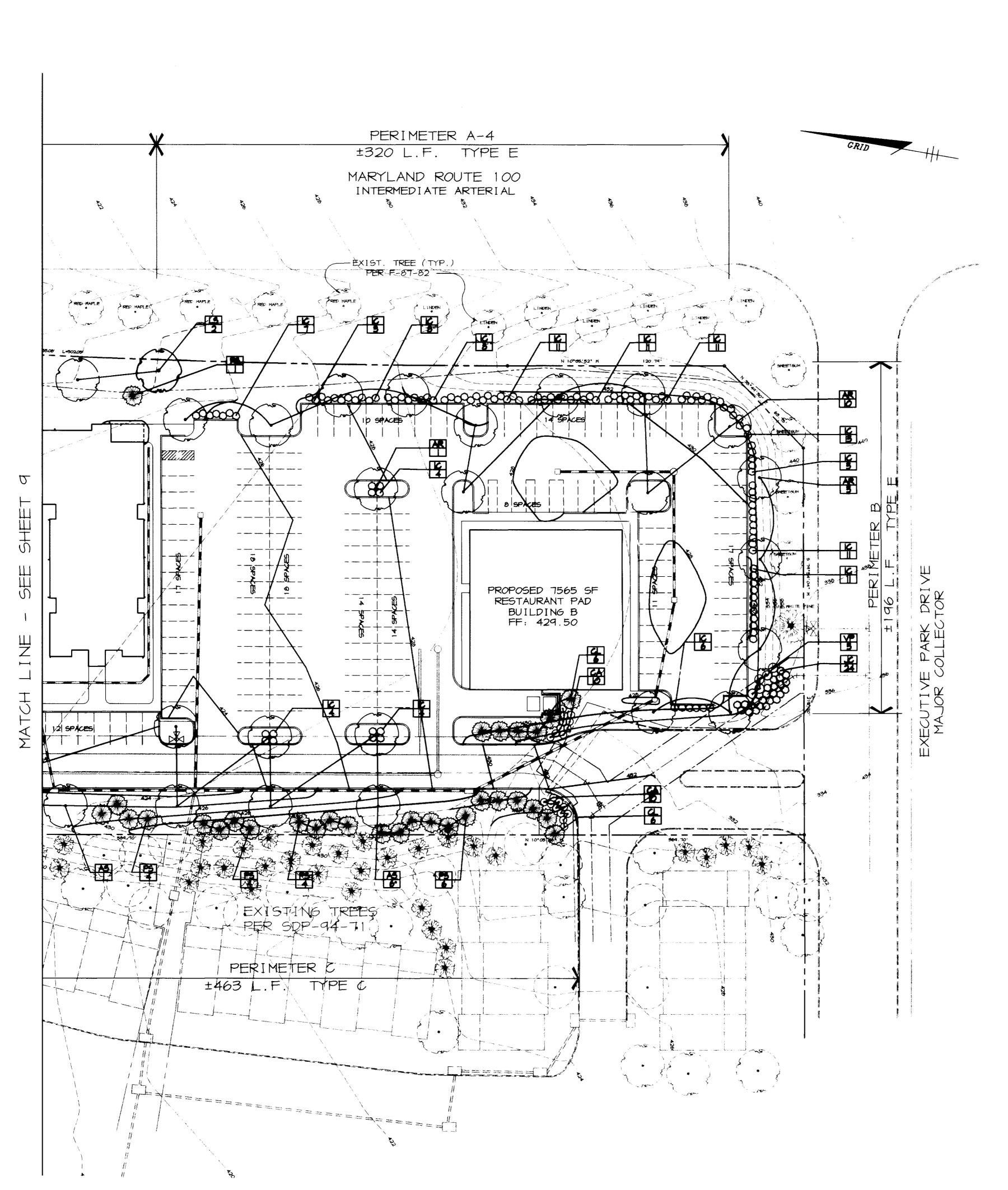


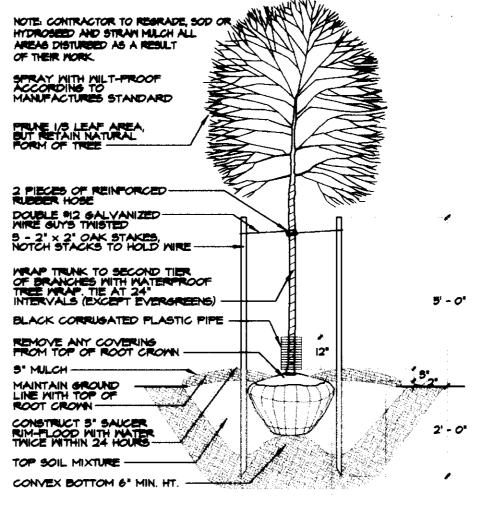
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JAYKANT D. PAREKH #19148

DRAWING NO. ' OF 9

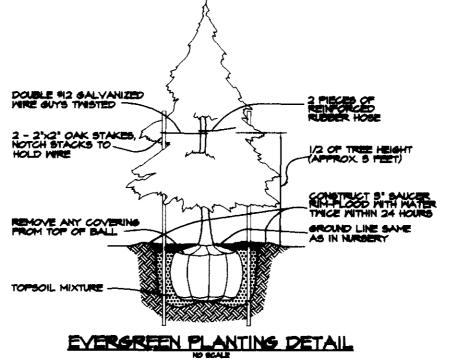


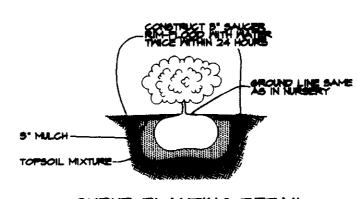




/ 12° /

TREE PLANTING DETAIL





### PLANT MATERIAL LIST FOR BOTH SHEETS

KEY	<u>aty</u>	BOTANICAL + COMMON NAME	SIZE	ROOT	REMARKS
		TREES			
AR	26	Acer rubrum 'Red Sunset' Red Sunset Red Maple	2½"-3"Cal.	848	Full Crown Central Leader
AS	12	Acer saccharum 'Green Mountain' Green Mountain Sugar Maple	21/2"-3" Cal.	B # B	Full Crown
CL	10	XCuppressocyparis "Leylandii" Leyland Cypress	6'-8' Ht.	B <b>\$</b> B	Full Form
LS	12	Liquidambar styracifiva Sweetgum	1/2"-2" Cal.	B # B	Full Form Central Leader
PS	50	Pinus strobus White Pine	6'-8' Ht.	5 <b>t</b> 5	Full Form Central Leader
PK	4	Prunus serrulata "Kwanzan" Kwanzan Cherry	1/2"-2" Cal.	5 ( 5	Full Crown
		SHRUBS			
CA	20	Cornus alba "Argento-marginata" Varigated Redtinig Doginood	2½"-3" HT.	B 4 B	Full Form 4' O.C.
EK	54	Euonymus klautschovicus "Sieboldiana" Siebold Euonymus	' 2½"-3' HT.	B & B	4' O.C.
10	119	ilex crenata "Green Lustre" Green Lustre Japanese Holly	21/2"-3" HT.	#3 CONT.	4' O.C.
JC	24	Juniperus chinensis 'Sargentii' Sargents Juniper	18-24" SP.	#3 CONT.	3' O.C.
VΡ	5	Viburnum plicatum tom. "Mariessi" Maries Doublefile Viburnum	3'-3½' HT.	B&B	Full Form 4' O.C.

THIS PLAN IS FOR PLANTING PURPOSES ONLY

LANDSCAPE SCHEDULES										
SCHEDULE A PERIMETER LANDSCAPE EDGE										
	ADJACENT TO ROADWAYS					ADJACENT TO PERIMETER PROPERTIES				
PERIMETER	<b>A</b> -I	A-2	A-3	A-4	В	c	D-I	D-2		
LANDSCAPE TYPE	В	E	В	E	E	U	Ç	A		
LINEAR FEET OF ROADWAY FRONTAGE/ PERIMETER	± 340'	± 2 5'	± 320'	± 320'	± 196'	± 463'	‡ 100°	± 611'		
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO		
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR PEET) (DESCRIBE BELOW IF NEEDED)	10'	NO	NO	NO	NO	NO	NO	NO		
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES SHRUBS	@ 1/50' = 7 @ 1/40' = 9	• 1/40' = 5 0 • 1/4' = 54	• 1/50' = 7 • 1/40' = 8 0		0	●  /40  =    ●  /20  = 24 O		• 1/60' = 10 0 0		
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES SMALL FLOWERING TREES	7 9 0	5 0 0	6 8 2	8 00	5 00	6 39 0	2 5 2 0	q 2 0		
SHRUBS	0	54	0	80	61	20		0		

SUBSTITUTION NOTES: PERIMETER LANDSCAPE EDGE: SCHEDULE A

PERIMETER A-3: SUBSTITUTE (2) TWO FLOWERING TREES FOR (1) ONE SHADE TREE. SHOWN IN LARGE ISLAND LOCATED IN PARKING LOT NEAR RESIDENCE INN.

PERIMETER A-4:
(I) ONE SHADE TREE IS SHOWN IN ISLAND IN FRONT OF RESTAURANT.

PERIMETER C: SUBSTITUTE (IO) TEN EVERGREEN TREES FOR (5) FIVE SHADE TREES.

PERIMETER D-1:
SUBSTITUTE (2) TWO FLOWERING TREES FOR (1) ONE SHADE TREE. SHOWN IN LARGE ISLAND IN PARKING LOT NEAR RESIDENCE INN DUE TO UTILITY CONFLICTS IN PERIMETER D-1. (3) THREE EVERGREEN TREES SHOWN IN PERIMETER C DUE TO UTILITY CONFLICTS IN PERIMETER D-I. (I) ONE SHADE TREE SHOWN IN PERIMETER C DUE TO UTILITY CONFLICTS IN PERIMETER D-I.

PERIMETER D-2: SUBSTITUTE (2) TWO EVERGREEN TREES FOR (1) ONE SHADE TREE. SHOWN IN PERIMETER C DUE TO CONFLICTS WITH UTILITY EASEMENTS IN PERIMETER D-2.

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING						
NUMBER OF PARKING SPACES	224					
NUMBER OF SHADE TREES REQUIRED . 1 5.T/20 SPACES	11					
NUMBER OF TREES PROVIDED SHADE TREES OTHER TREES (2:1 SUBSTITUTION)	10 2					
NUMBER OF ISLANDS REQUIRED (I ISLAND/ 20 SPACES)	- 11					
NUMBER OF ISLANDS PROVIDED	Id					

SUBSITIUTE (2) EVERGREEN TREES FOR (1) SHADE TREE. SHOWN AT

(NUMBER OF ISLAND EQUIVALENTS . 200 S.F.)

BACK OF RESTAURANT NEAR LOADING ZONE.

PARKING LOT INTERNAL LANDSCAPING: SCHEDULE B

GENERAL NOTES:

NOTES: "THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPES MANUAL."

"FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELPERS AGREEMENT IN THE AMOUNT OF \$ 15,150.00

APPROVED : FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. 10-15-92 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. ACHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE NO. REVISION OWNER / DEVELOPER M.J.F. ASSOCIATES LIMITED PARTNERSHIP c/o MDG COMPANIES

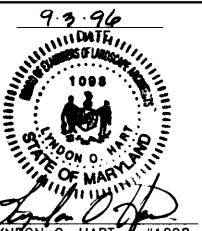
5550 STERRETT PLACE, SUITE 312 COLUMBIA, MARYLAND 21044 (410)730-9091

COLUMBIA 100 OFFICE RESEARCH PARK PARCEL Y

A HOTEL AND SITDOWN RESTAURANT AREA COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1 AREA 2 PARCEL V
TAX MAP NO.30 ZONED POR
2nd ELECTION DISTRICT HOWARD COUNTY, MD

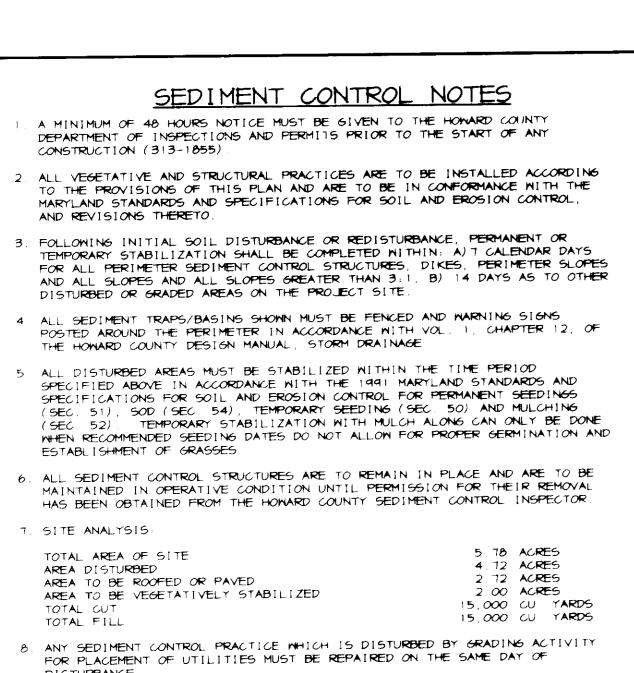
LANDSCAPE PLAN

8818 Centre Park Drive • Suite 200 • Columbia, MD 21045 410-997-8900 FAX: 410-997-9282



DESIGNED BY : LOH DRAWN BY : CAK PROJECT NO : HOCO/96H1100 LSCP-1 DATE : SEPTEMBER 26, 199

DRAWING NO. 8 OF 9



INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION

ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL

14. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE

15. BORROW SITE TO BE PRE-APPROVED BY THE SEDIMENT CONTROL INSPECTOR,

OR IN CASE OF EXCESS MATERIAL, AN APPROVED SEDIMENT CONTROL PLAN

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a

Seedbed Preparation: Loosen upper three inches of soil by raking. discing or other acceptable means before seeding, if not previously

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs. per 1000 sq.ft.).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushe's per acre of annual rye (3.2 lbs.

per 1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.07 lbs. per 1000 sq.ft.). For

the period November 16 thru February 28, protect site by applying 2

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs. per 1000

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL

EROSION AND SEDIMENT CONTROL for rate and methods not covered.

sq.ft.) of unrotted small grain straw immediately after seeding.

Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gal. per acre (8 gal.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further

disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

Soil Amendments: In lieu of soil test recommendations, use one of

1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs. per 1000 sq.ft.) and 600 lbs. per acre 10-10-10 fertilizer (14

2) Acceptable - Apply 2 tons per acre dolomitic limestone (42 lbs

Seeding: For the period March 1 thru April 30 and from August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs. per 1000 sq.ft

of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed

with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (0.05 lbs. per 1000 sq.ft.) of weeping lovegrass. During the period

1) 2 tons per acre of well-anchored mulch straw and seed as soon

3) Seed with 60 lbs. per acre Kentucky 31 Tall Fescue and mulch

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs. per 1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal. per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 347 gal. per acre (8 gal. per 1000 sq.ft.)

Maintenance: Inspect all seeded areas and make needed repairs.

with 2 tons per acre well anchored straw.

October 16 thru February 28, protect site by one of the following

ibs. per 1000 sq.ft.) before seeding. Harrow or disc into

lbs. per 1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs.

per 1000 sq.ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23

per acre 30-0-0 ureaform fertilizer (9 lbs. per 1000 sq.ft.).

tons per acre of well anchored straw mulch and seed as soon as

LENGTHS OR THAT WHICH CAN BE BACKFILLED AND STABILIZED WITHIN ONE

BY THE INSPECTION AGENCY IS MADE.

MORKING DAY, WHICHEVER IS SHORTER.

short-term vegetative cover is needed.

possible in the spring, or use sod.

per 1000 sq.ft.) for anchoring.

upper three inches of soll.

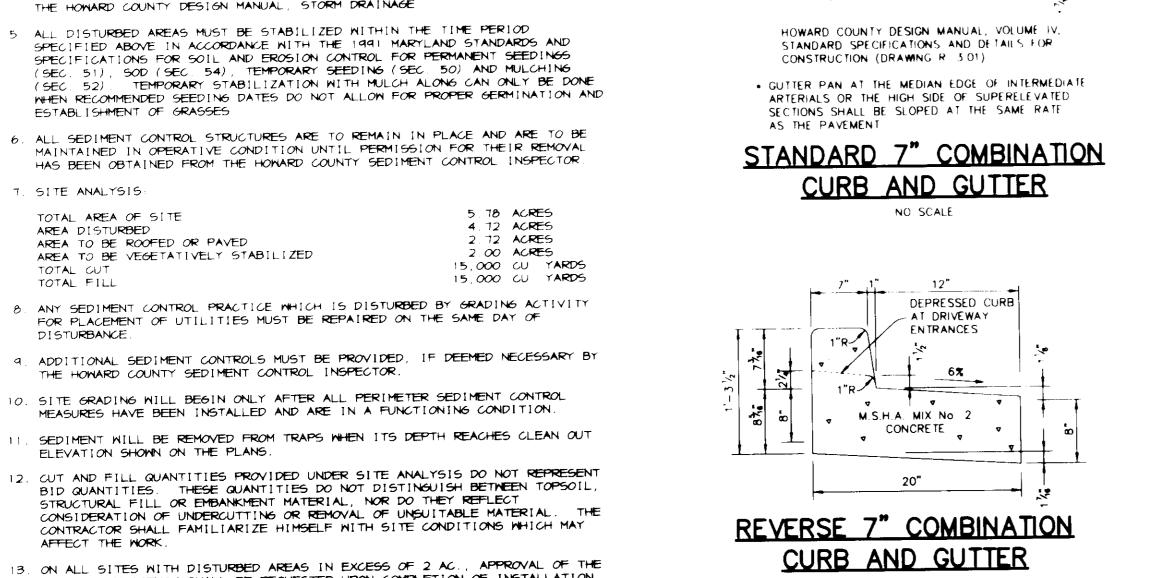
as possible in the spring.

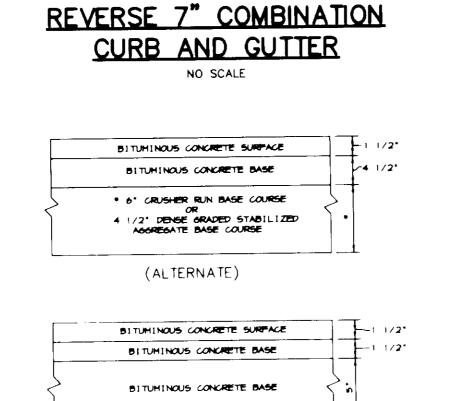
per 1000 sq.ft.) for anchoring.

replacements and reseedings.

WILL BE NEEDED TO DEPOSIT EXCESS OFF-SITE.

OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH





PAVEMENT WIDTH INDICATED ON TYPICAL STREET SECTIONS TO BE MEASURED TO

THIS POINT

M.S.H.A. MIX No. 2

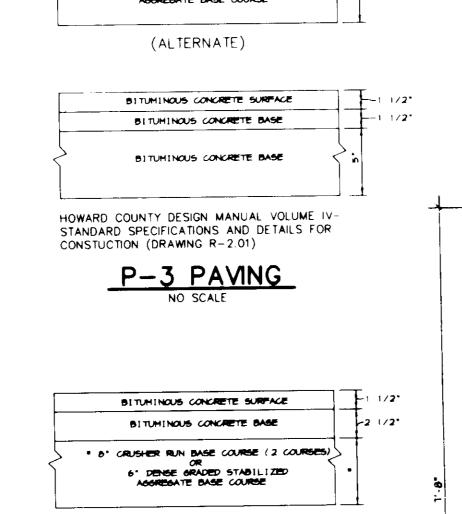
CONCRETE

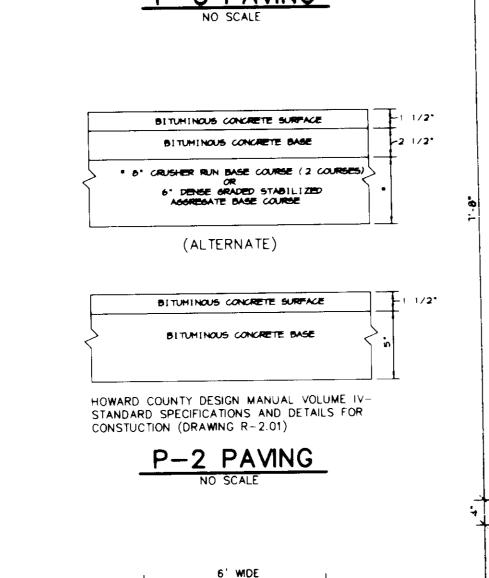
DEPRESSED CURB

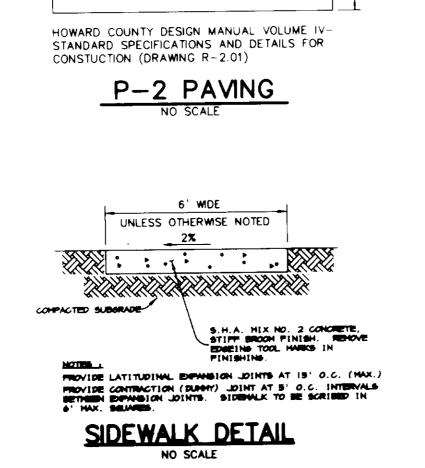
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AT DRIVEWAY

ENTRANCES

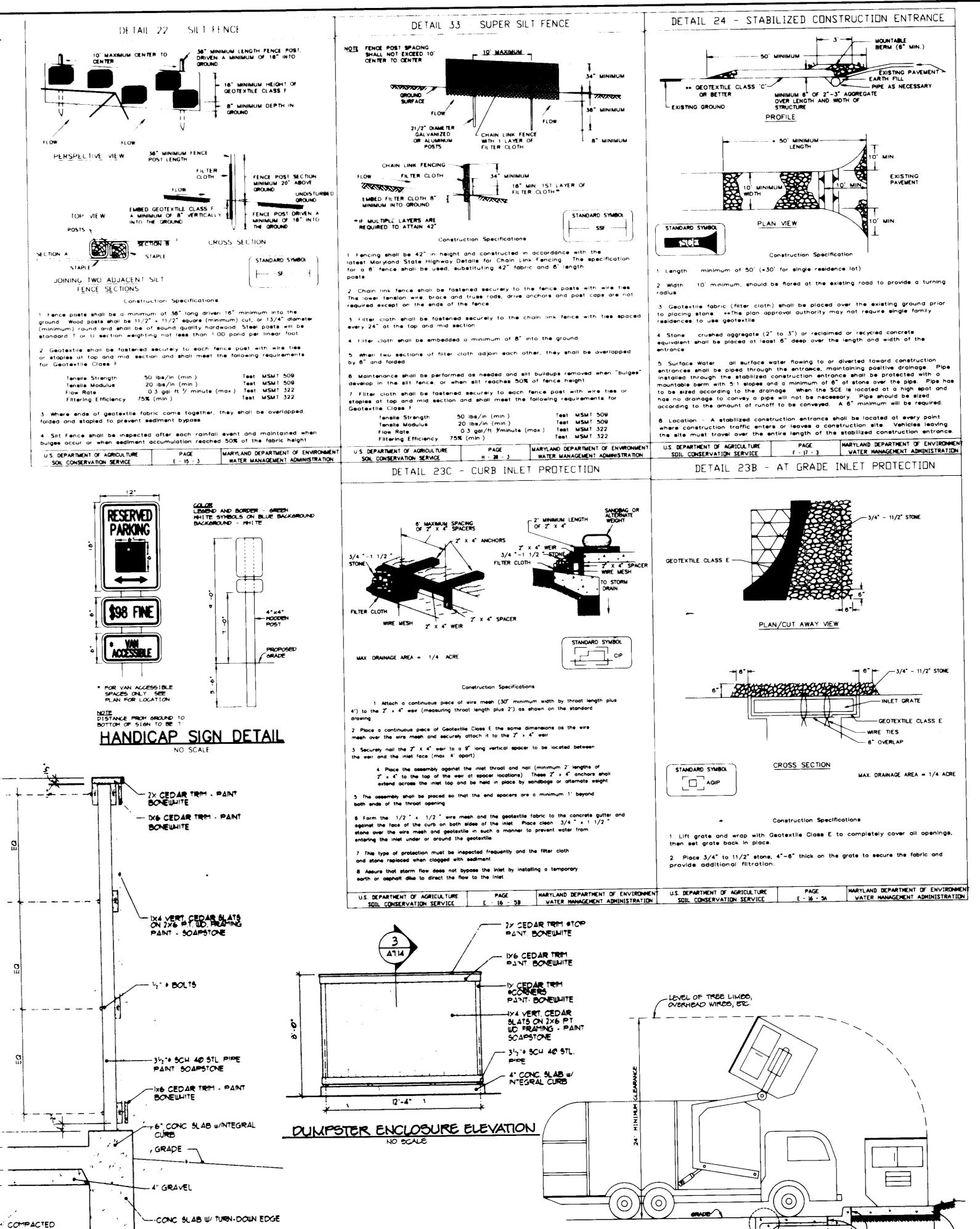


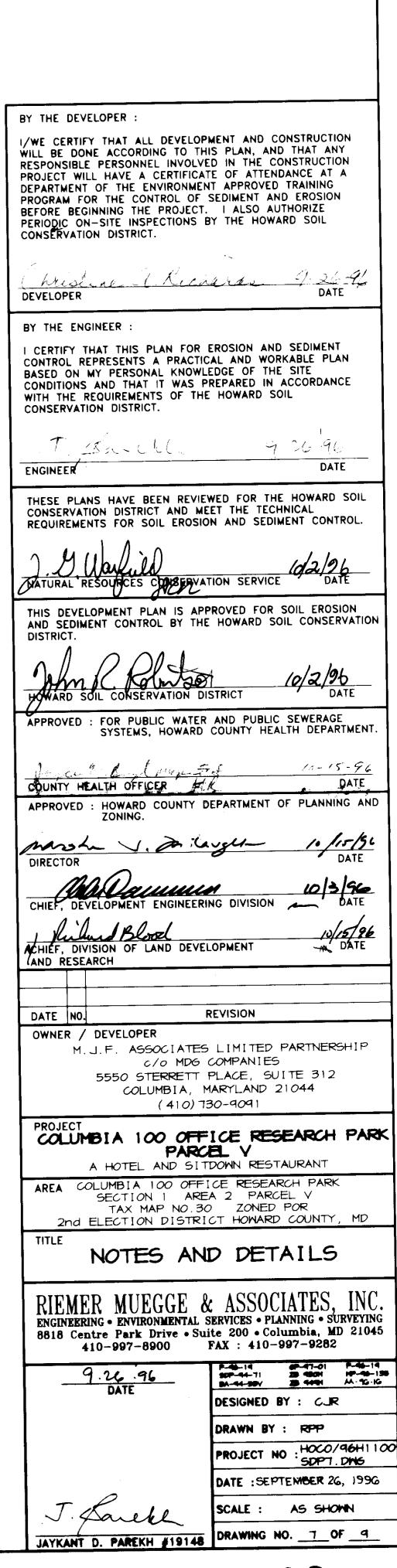




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DUMPETER ENCLOSURE SECTION





1/2" EXPANSION

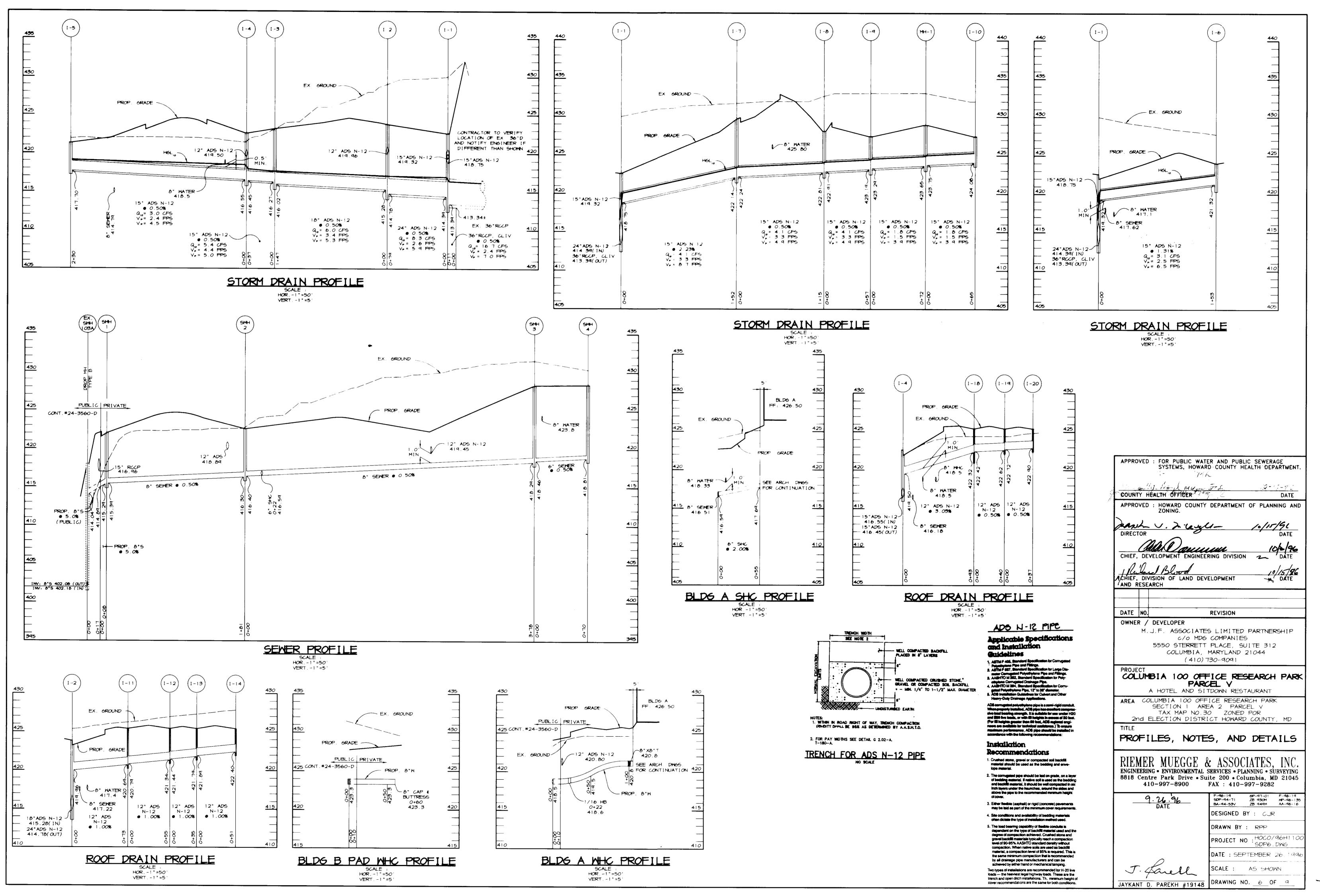
'N'-MIDTH VARIES MITH TYPE OF CLASS SPECIFIED SEE NO. CO. STD. DETAIL R S.OI & R S.CS

DUMPSTER PAD

B'x10'x6"CONC.

- 6x6/6-6 HELDED HITE HESH

SHA HIX NO. 5 CONCRETE



SDP - 97-02

